



# Mining a Cleaner Tomorrow

Investor Presentation | October 2019

*Mike Young, CEO*



# ● ● BUILDING A MULTI-MINE COMPANY

## Mine Development Company

- Uranium development company, based in Perth
- Advanced projects ready to capture price upside
- Two mine developments and multiple exploration targets
- Highly experienced mining and exploration team
- Strong institutional support Australia and USA

*Highly leveraged to uranium market*

## Two High-impact Uranium Assets

### Mulga Rock

- 3.5Mlbs pa operation @ 15yr life
- All State and Federal Environmental Approvals and mine leases granted
- Secondary permits being progressed

### Alligator River

- One of the world's top uranium districts containing Jabiluka and Ranger
- Athabasca look-alike geology and deposits

*Early mine development and multiple exploration targets*

## Strong Uranium Demand Growth

- Nuclear is clean and cheap 24/7 power
- Outlook is certain – U demand not affected by macroeconomics
- Incentive Price 2x Spot Price
- Supply-demand dynamics tipping to undersupply

*Dominant market players now in "premium to pounds" mode*



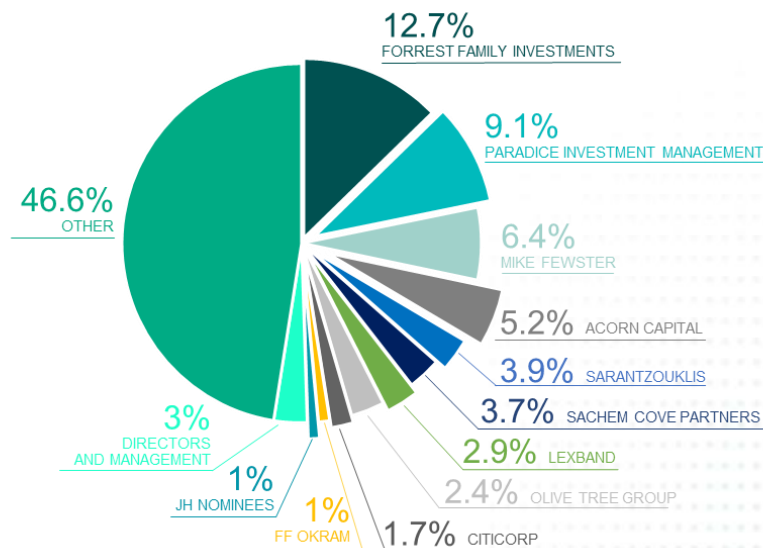
# COMPANY SNAPSHOT



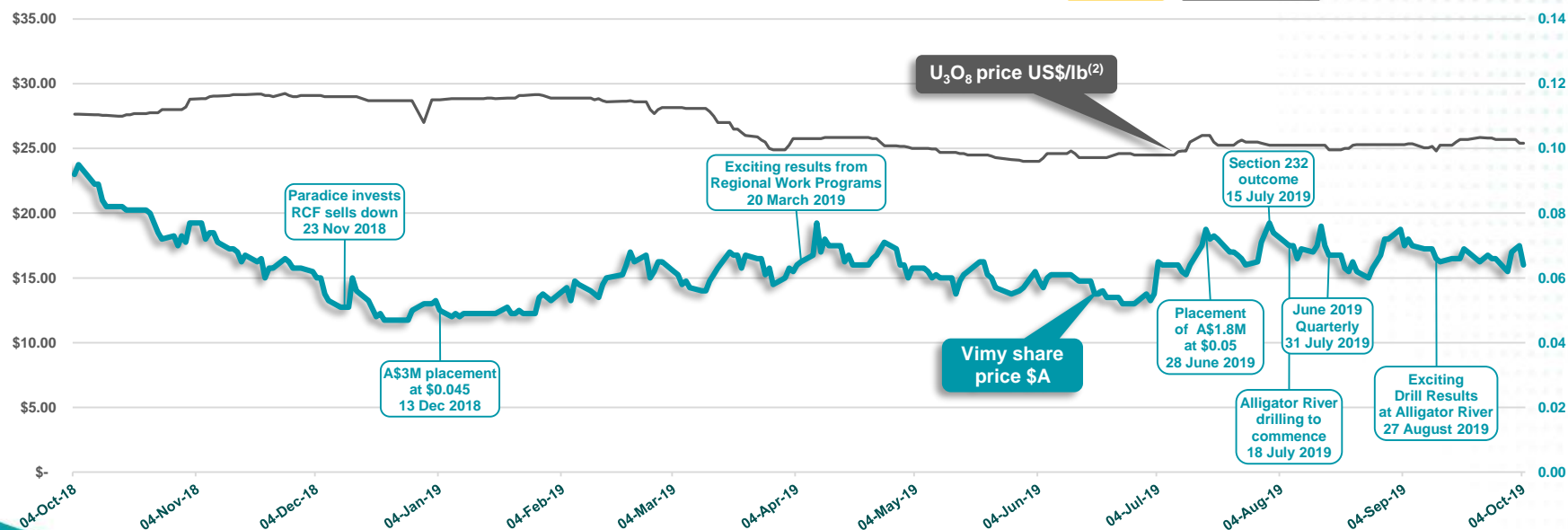
## Capital Structure (ASX:VMY)

10 October 2019 <sup>(1)</sup>	
Shares on issue	521.3 million
Share price	\$ 0.062
Market capitalisation	\$ 33.9 million
Cash	\$ 1.0 million
Options (unlisted)	1.4 million @ 80c (Dec 2019)

## Significant Shareholders



## Vimy Share Price v Uranium Spot Price US\$/lb



Source:

1. ASX: 1 October 2019 2. U<sub>3</sub>O<sub>8</sub> price US\$/lb from TradeTech 26 September 2019

(ASX:VMY) 3



# ● ● BOARD AND MANAGEMENT

## Mine Builders



**Hon. Cheryl Edwardes AM**

**Non-Executive Chairman**

Former State Government Minister holding Ministries of Environment, Labour Relations and Attorney General



**Mike Young**

**CEO and Managing Director**

Founding Managing Director of BC Iron  
First drill hole to first ore on ship in under 4 years  
*Grew BCI from \$13m IPO to >\$600 Market Cap 2006-13*



**Tony Chamberlain**

**Non-Executive Director**

Former COO Vimy Resources (2014-2019)  
Metallurgist with extensive operational and capital delivery experience with several global uranium projects



**Julian Tapp**

**Chief Nuclear Officer**

Previous Head of Government Relations and Director of Strategy at Fortescue Metals Group  
Expert commodities economist – WNA Working Group on Supply-Demand



**David Cornell**

**Non-Executive Director**

Director of Element Capital Pty Ltd  
Significant experience providing strategic and corporate advice to listed companies, with a strong focus on transaction services



**Scott Hyman**

**VP Sales and Marketing**

US-based uranium marketing professional with significant experience at Dominion Energy and Cameco Corporation



**Marcel Hilmer**

**CFO and Company Secretary**

Significant experience in the resources industry in funding, exploration, mergers and acquisitions  
Former CEO of TSX-listed uranium developer

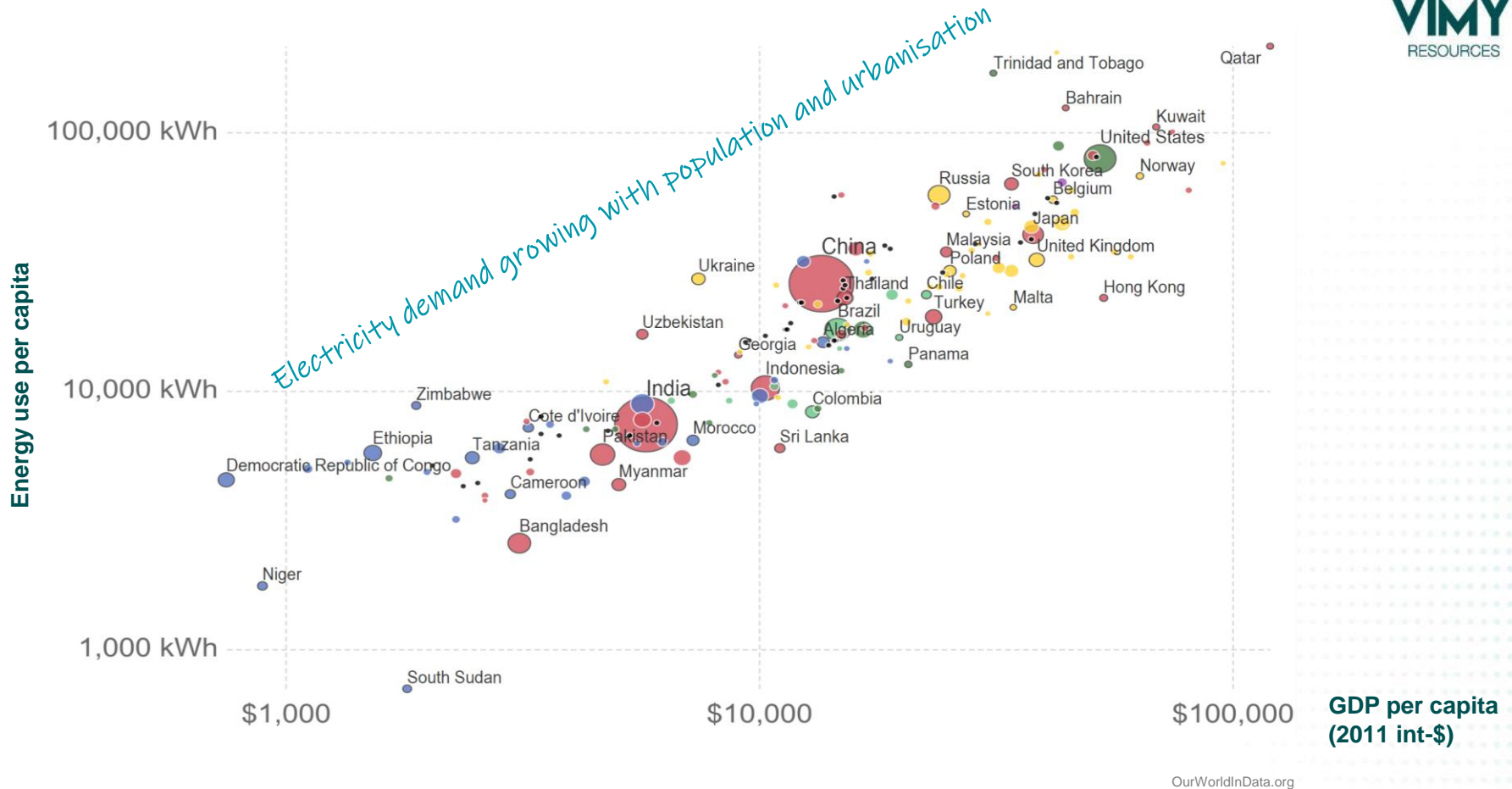


**Xavier Moreau**

**General Manager – Geology and Exploration**

21 years experience in uranium exploration including 6 years in the Alligator River with Areva and Vimy

# ELECTRICITY DEMAND

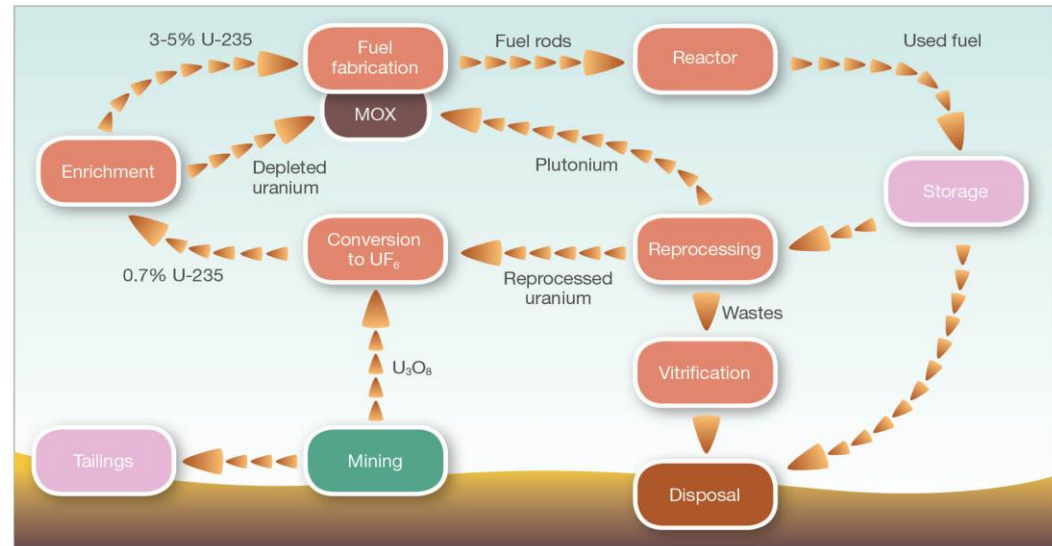


- Global demand expected to increase at 1.5% CAGR – but possibly more with growth of electric vehicles
- Push for clean energy is growing - IPCC 1.5°C target will NOT BE MET without nuclear
- Nuclear is second largest source (10%) of world's emissions-free electricity after hydro (18%)
- Nuclear expected to grow at 2.0% CAGR from 373 GWe to 569 GWe by 2040 – 52% increase overall

# URANIUM FUNDAMENTALS

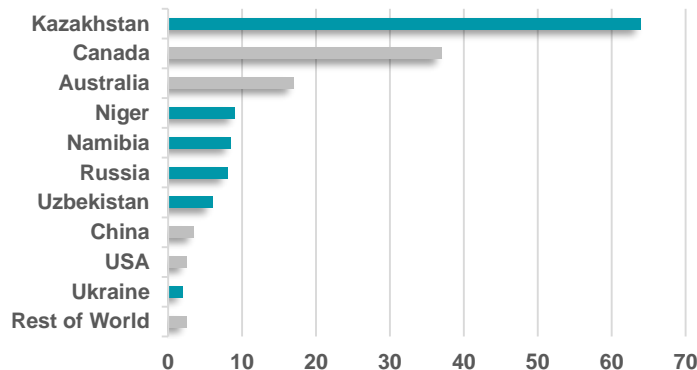
- Uranium is used for nuclear power global burn rate ~170 Mlbs p.a.
- Uranium demand is predictable @ ~200 t  $U_3O_8$  per GWe
- Utilities run 2-3 years inventories currently running down
- Nuclear fuel cycle takes ~2 years
- Security of supply trumps price

## The Nuclear Fuel Cycle



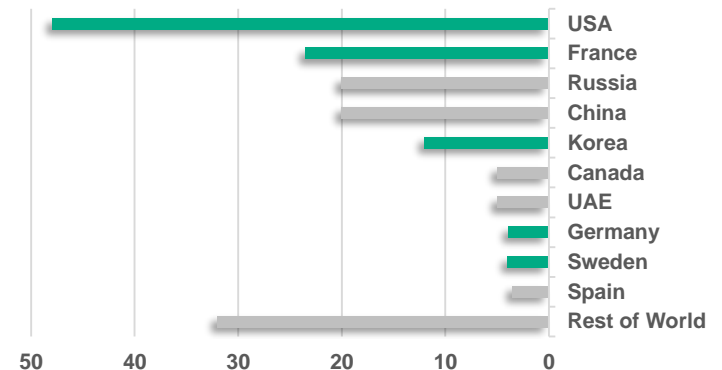
Supply is dominated by Kazakhstan (Kazatomprom) and Canada (Cameco)

### Supply

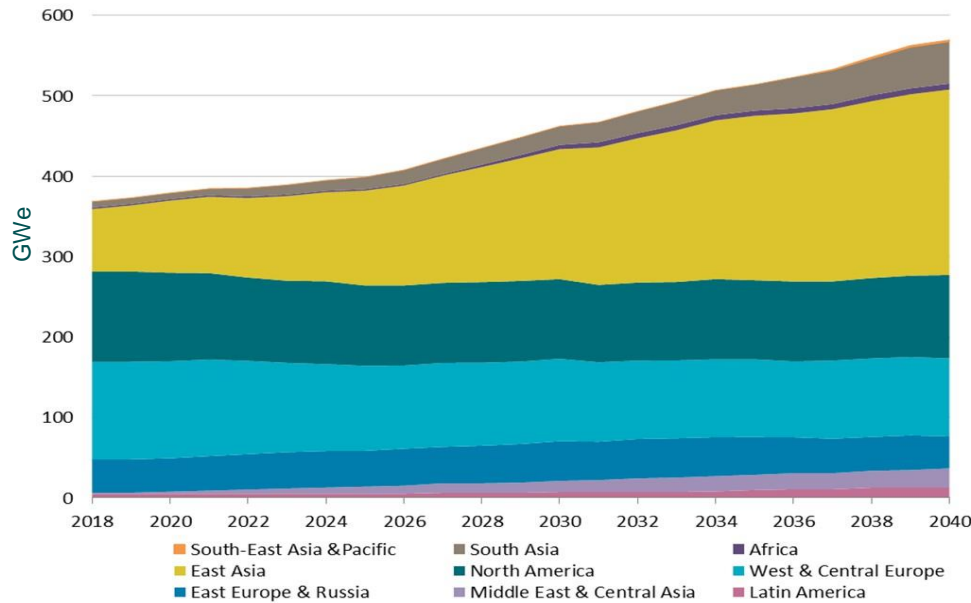


Consumption is dominated by USA (~30%), France, Russia and China

### Consumption



# ● ● REACTOR DEMAND GROWTH BUT... SLOWER SUPPLY GROWTH

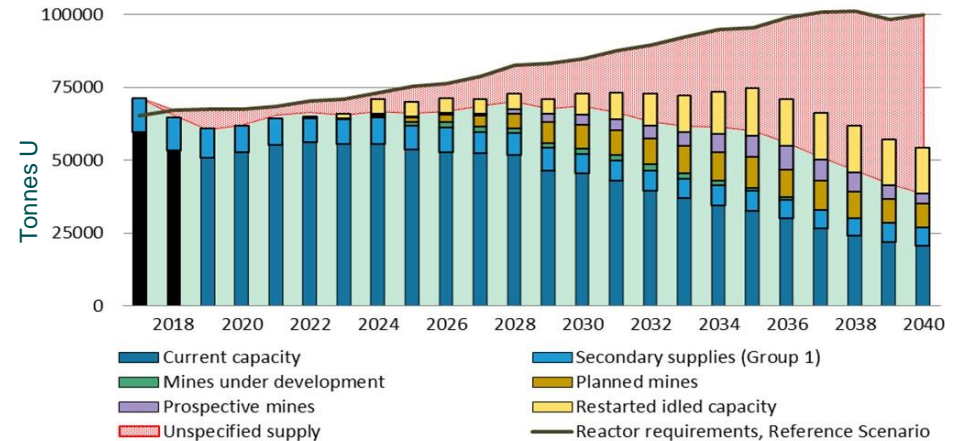


## Reactor growth (Reference Case)

- 2.0% CAGR from 373 GWe to 569 GWe by 2040 – 52% increase overall
- Demand momentum dominated by China, Middle East, and Russia – non-OECD and BOO model
- Flat growth in OECD but sentiment changing quickly with Climate Change mitigation and failure of intermittent renewables (i.e. France vs Germany)

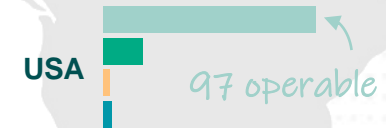
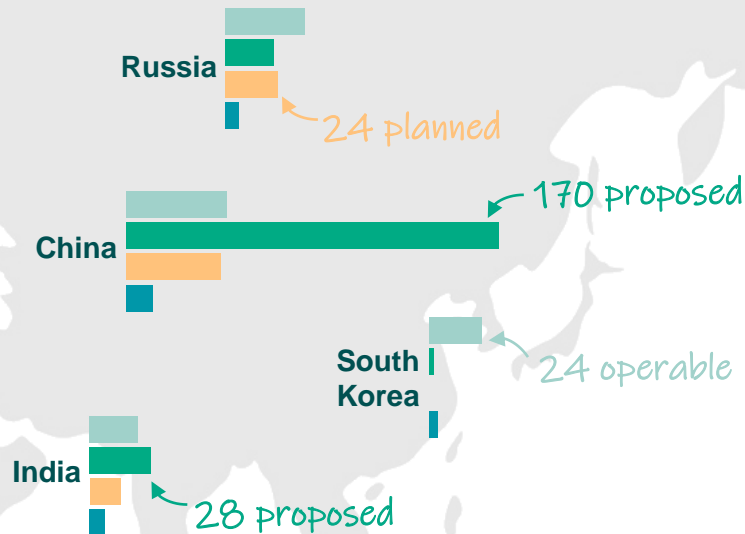
## Supply versus reactor requirements (Reference Case)

- Structural uranium shortage building
- Long term supply uncertain – “unspecified”
- As inventories drop, security of supply dominates buying and contracts precede buying by 2-3 years



Source: WNA Fuel Report 2019

# ● ● STRONG DEMAND GROWTH



## World Total<sup>(1)</sup>

444 Operable  
330 Proposed  
111 Planned  
54 Under Construction

# 495

new reactors to be built  
or under construction

# 247

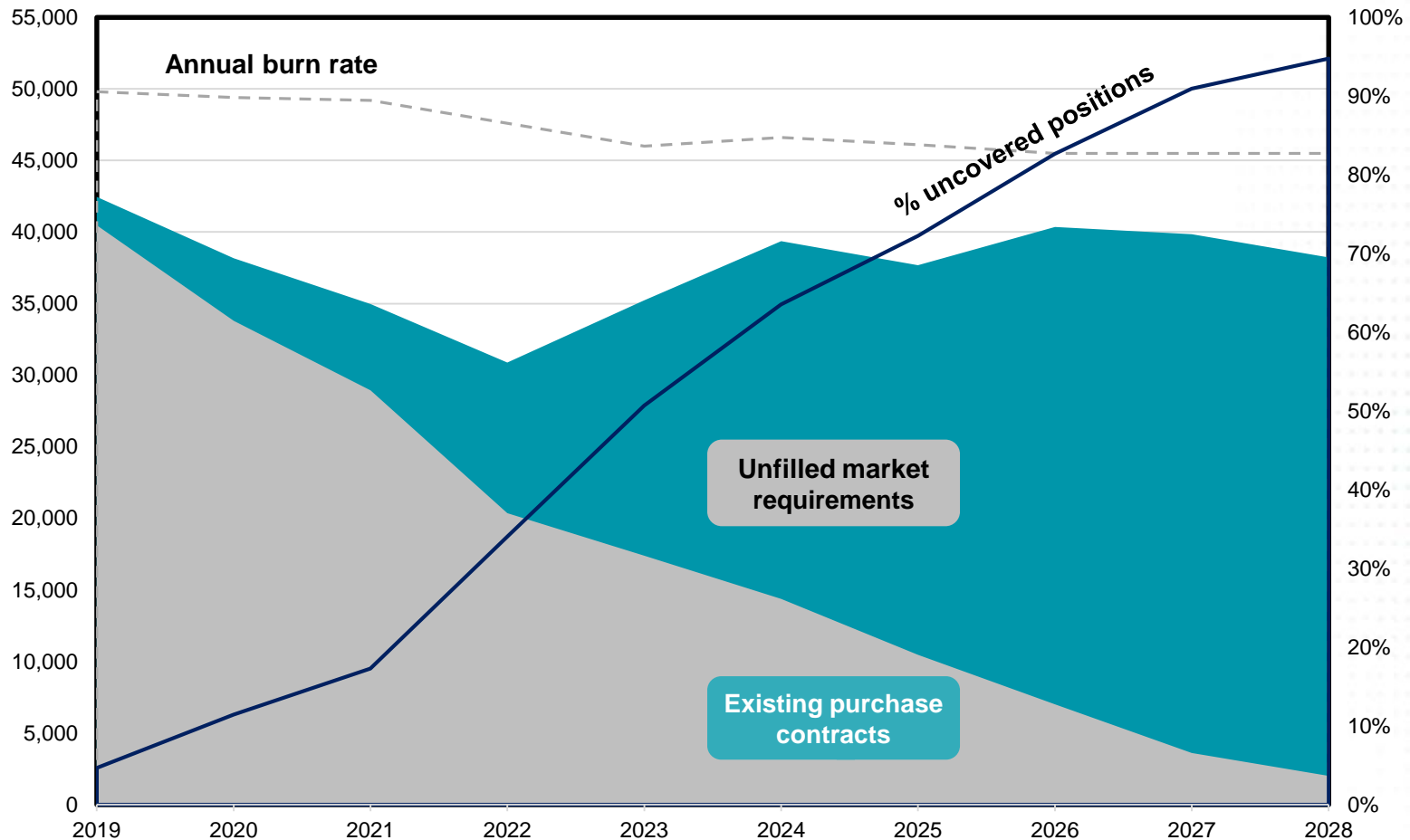
Mlbs

additional uranium required  
annually – *current use 170Mlbs*



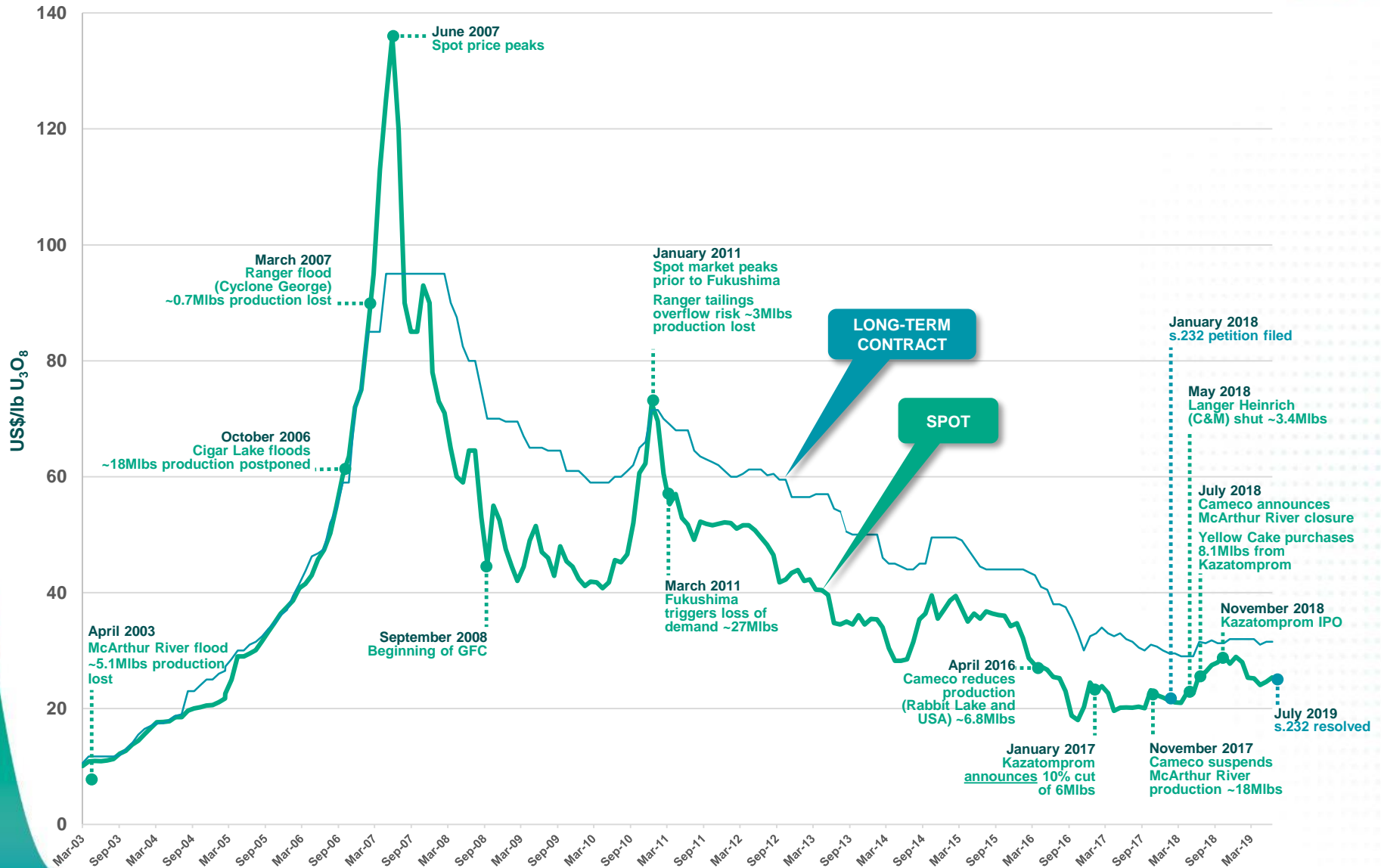
# US URANIUM CONTRACT DYNAMICS

US Uranium Utility Contract Dynamics 2018



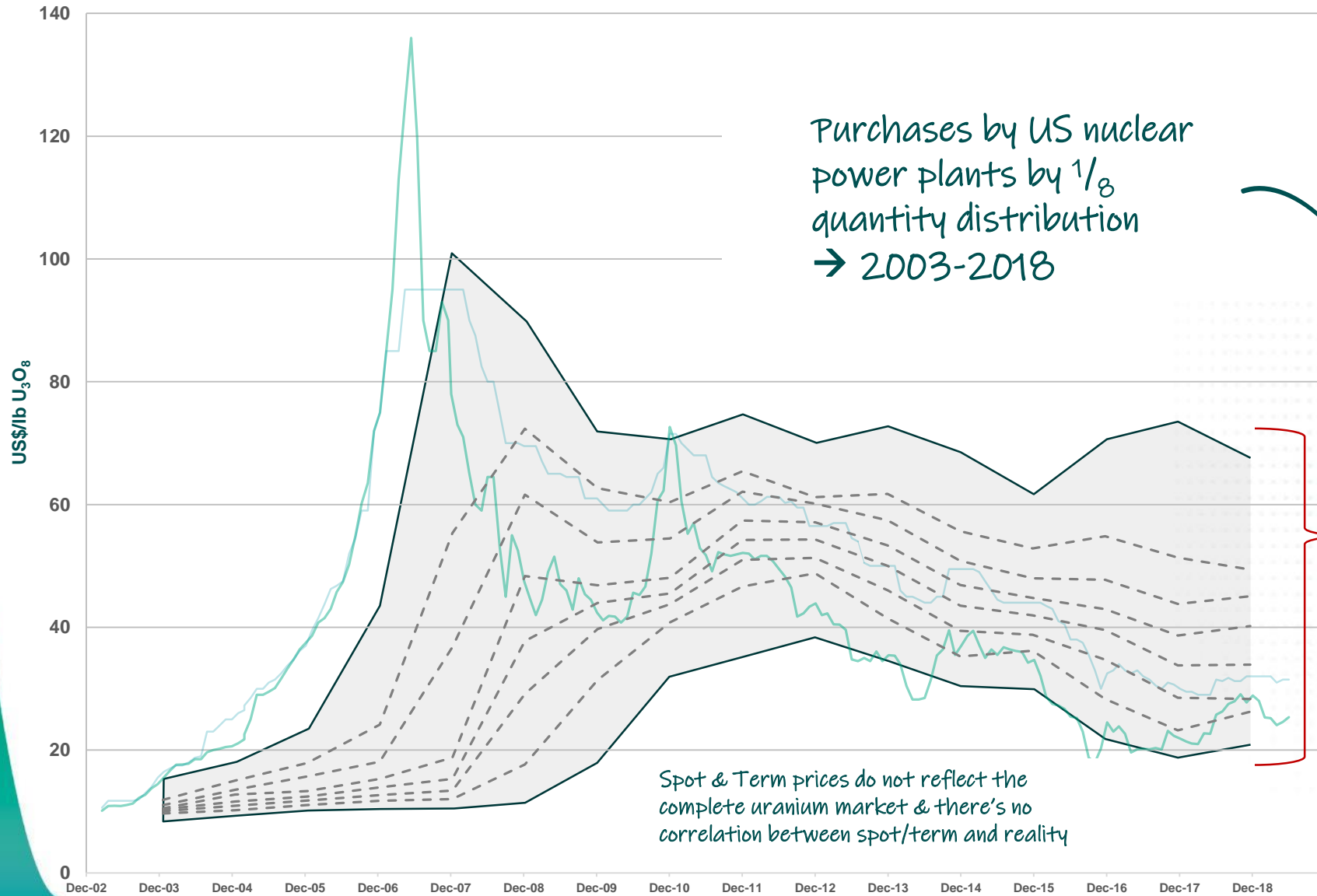
Source:  
1. US EIA 2018 Uranium Marketing Annual Report

# HISTORY OF URANIUM PRICING



Data source: Cameco

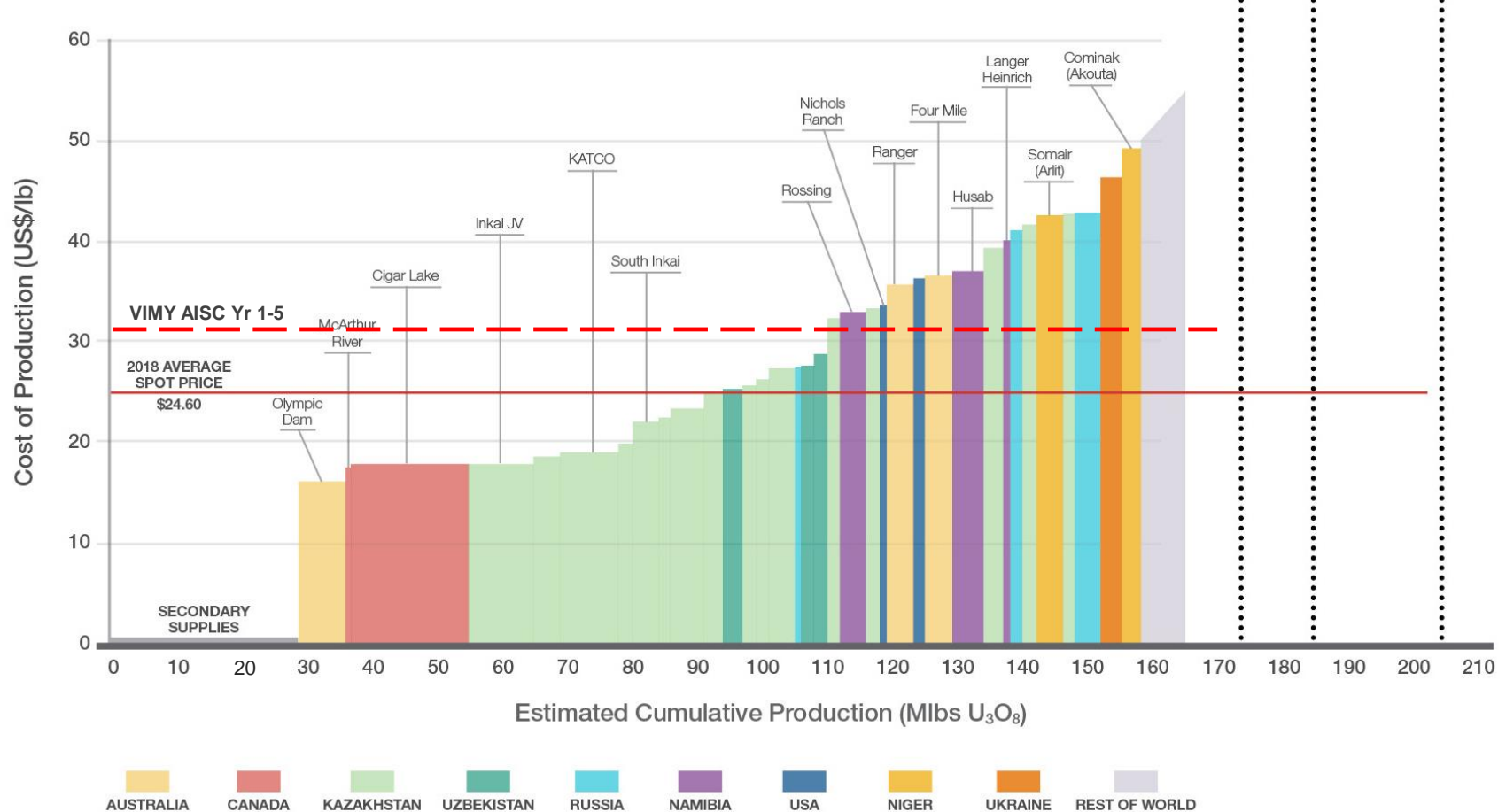
# THE URANIUM PRICE CURVE – VIMY STYLE



Data source: Cameco, Table 6a IEA UMR (2003-2018)

# ALL-IN COST OF PRODUCTION

## Vimy's Operating Cost of Global Uranium Production (2018) <sup>(1)</sup>



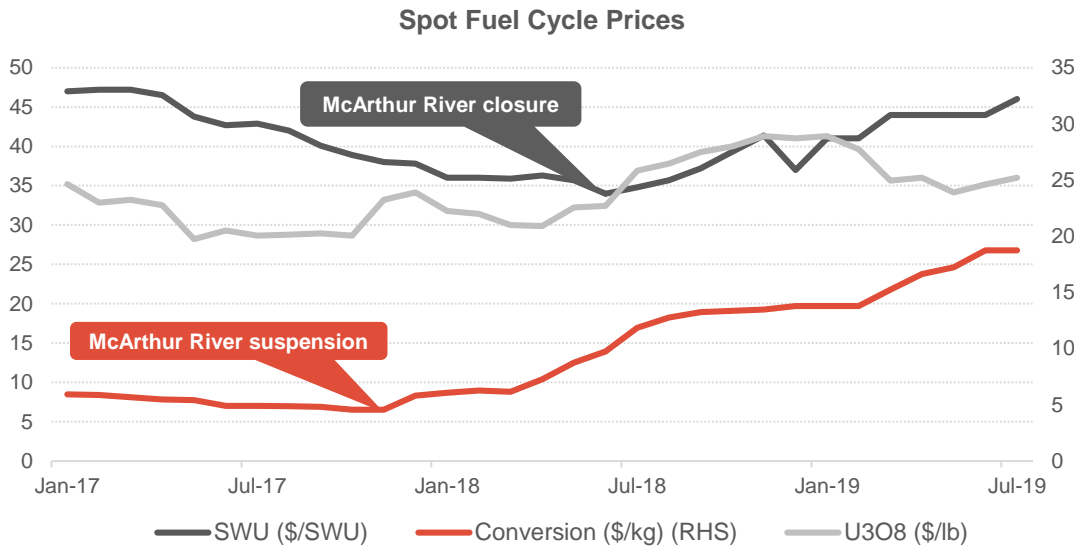
Estimated 2018 'All-In Sustaining Cost' of Global Uranium Production showing Vimy's Demand Cases (Upper, Base, Lower)

Source:

1. Company Data + Analysts' Views + Vimy Calculations, US Energy Information Administration | 2016 U Marketing Annual Report



# LEADING PRICE INDICATORS



Conv & SWU are LEADING indicators

- Spot dominated by arbitrage traders
- Speculative in nature – “Cameco bumps”
- Spot:Contract ratio very low vs other metals
- MacR closure incentivizes conv & SWU
- Increased SWU = decreased underfeeding

**Conversion and enrichment have rallied**  
– things are picking up!

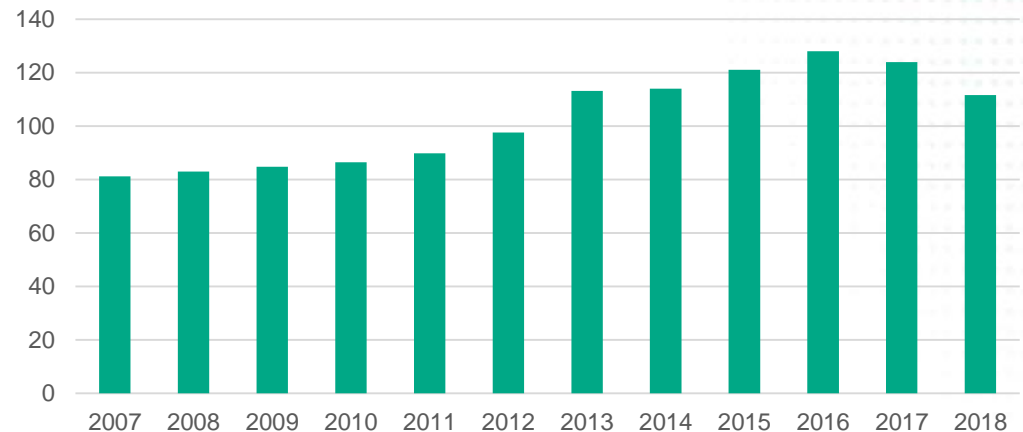
Source: CME, Numerco

## US Utility Inventory Management

- At historic highs >2x burn rate
- 3 years of reducing inventories nudged along by the s.232 FREEZE
- CFO vs CNO vs RISK – “the three headed beast”
- ✓ Stocks high vs low price → CFO wins
- ✓ Stocks low vs ANY price → CNO wins
- ✓ Unscheduled outage = \$1m / day

**Rule No. 1: Thou shalt not run out of fuel!!**

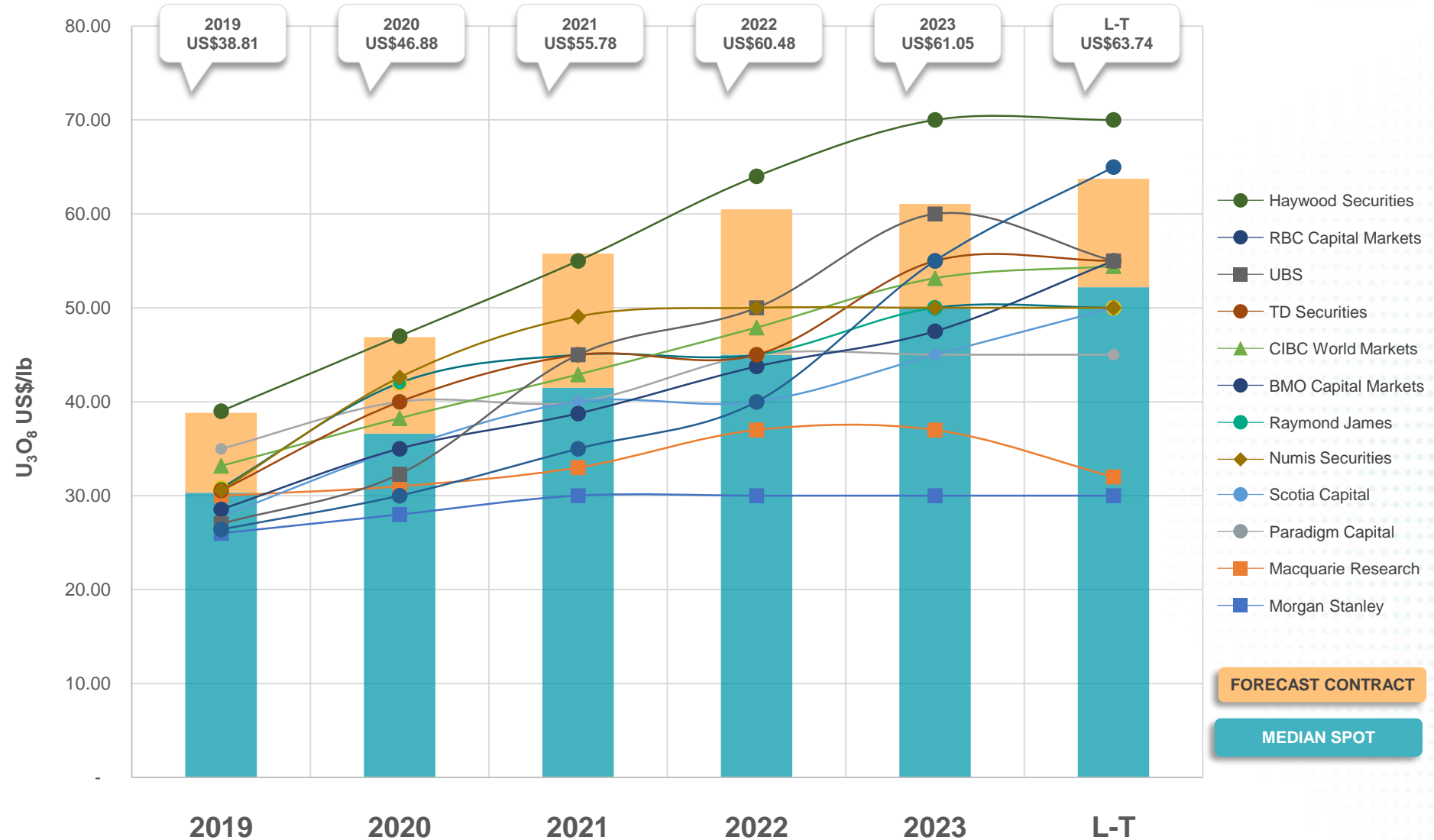
## US Utility Inventories (Mlbs)



Source: Tribeca 2019 & Vimy Resources

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# STREET CONSENSUS URANIUM OUTLOOK



## NOTES

BMO Capital Markets – August 2019

- For some brokers forecasts, they commence a long-term uranium price prior to 2024 or have limited years shown. Where this is the case, the price is averaged to achieve a trend.
- All brokers report the spot price and these are reflected in the lines.
- The median spot is shown in the blue bar and the delta to the contract price is shown in orange and has been calculated on historical prices for the period 2000 to 2019.

# BUILDING URANIUM MINES

## Advanced projects ready to capture price upside

### Mulga Rock – Australia’s largest advanced U project

- 2018 DFS A\$530m NPV (pre-tax) at US\$60/lb vs \$32m market capitalization
- 90Mlbs  $U_3O_8$  resources and 42Mlbs  $U_3O_8$  reserve
- Environmental approval by State and Federal governments and full mining tenure
- Secondary permits, licenses and approvals progressing – mine-ready in 2020
- FID to First production in 2 years

### Alligator River Project – high-grade, world-class unconformity uranium deposits

- Mineral Resources and Scoping Study released on Angularli 26Mlbs @ 1.3%  $U_3O_8$  – Tier 1 economics
- Same geology and setting as Athabasca Basin
- Exploration and development on multiple targets provides ongoing news flow and market catalysts
- Potential for large, Tier 1 assets (Jabiluka, Ranger, McArthur River, etc)

Near-term Production:  
Mulga Rock Project



Development and  
Exploration:  
Alligator River Project





# MULGA ROCK PROJECT

GREAT VICTORIA DESERT,  
WESTERN AUSTRALIA

*SIMPLE, LOW RISK*



# MULGA ROCK PROJECT, WESTERN AUSTRALIA

## Australia's largest, advanced undeveloped uranium project

- Technically and financially robust DFS completed in 2018. Cash Operating Cost (Years 1-5): US\$25.11/lb
- LOM 15 years with total production of ~47Mlbs (3.5Mlbs annually) with upside for extra 5 years
- DFS study included test pits which delivered 100t of ore to pilot plant – **significant de-risking**
- Key physical parameters point to simple, low-risk operation:
  - **Simple geology:** flat lying lignite-hosted; supergene redox enrichment; “horizontal roll front”
  - **Simple mining:** proven bulk mining methods; free-dig, strip mining allows backfilling → *“real time” rehabilitation*
  - **Simple metallurgy:** beneficiation and upgrade; simple acid leach technology; in-pit tailings disposal



Total Ore Reserves of  
42 Mlbs  $U_3O_8$   
23 Mt at 845ppm

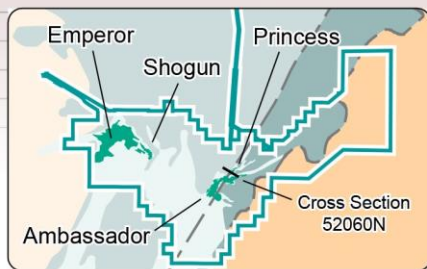
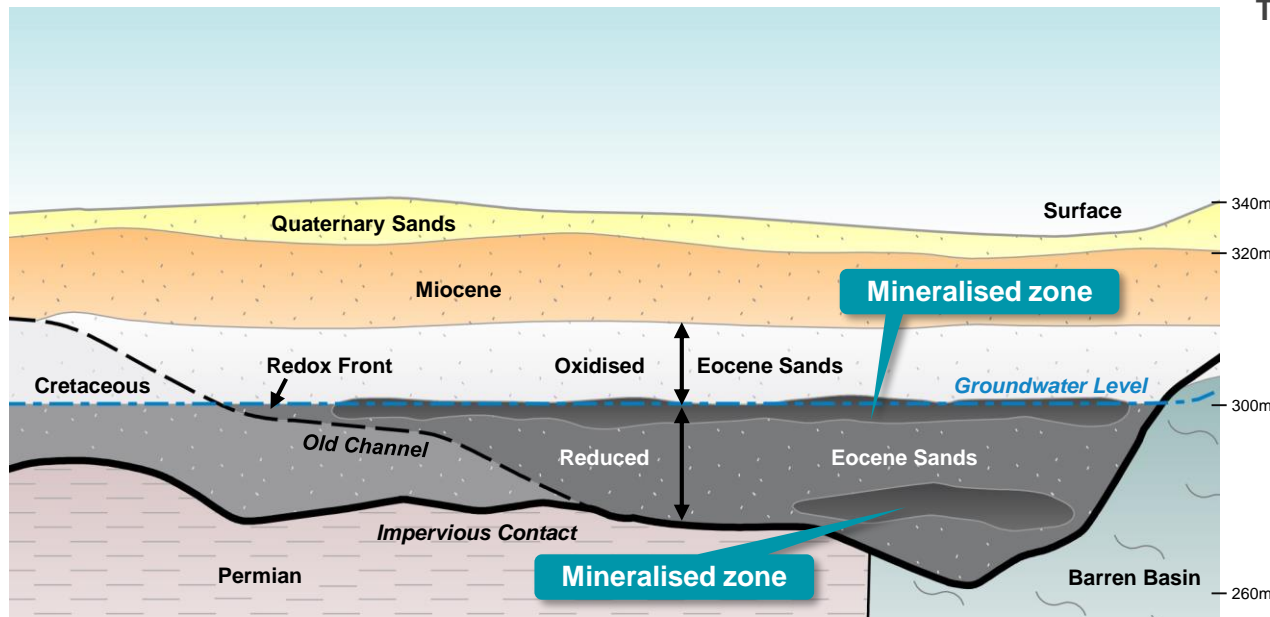


Total Resource  
90 Mlbs  $U_3O_8$   
71 Mt at 570ppm  $U_3O_8$



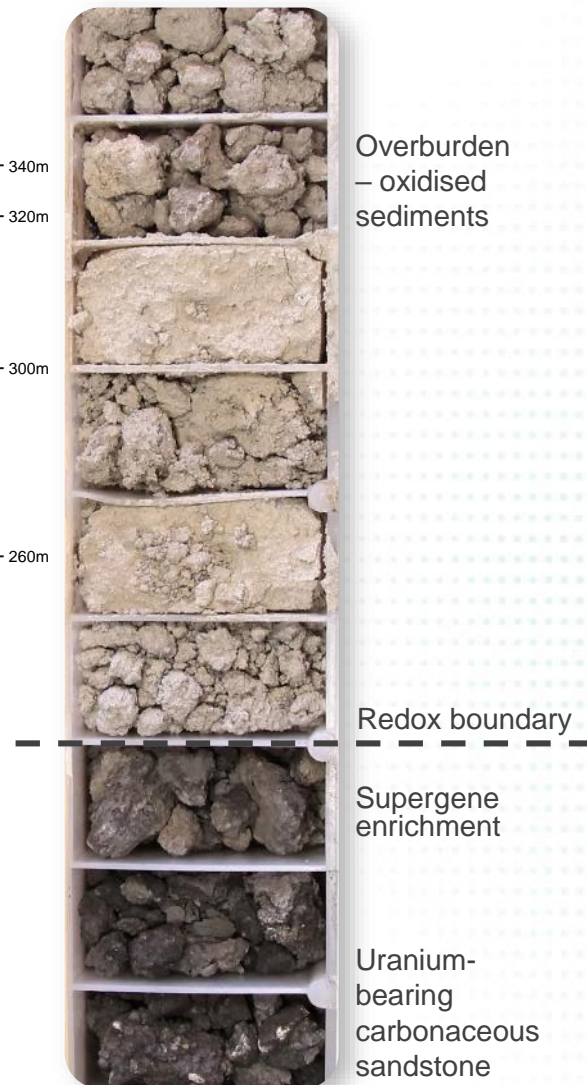
State and Federal  
Environmental Approvals  
Secondary Approvals  
in progress

# ● ● GEOLOGY – CARBON-RICH SEDIMENT HOST ROCK



- Hosted within deeply weathered sediments comprising carbonaceous sandstone; silt; sandy lignites
- Mostly **Uraninite (UO<sub>2</sub>)** associated with carbonaceous material and lignite – no complex silicate minerals
- Significant supergene enrichment at Redox Zone
- Deep weathering = *soft friable rock*

Typical aircore drill hole



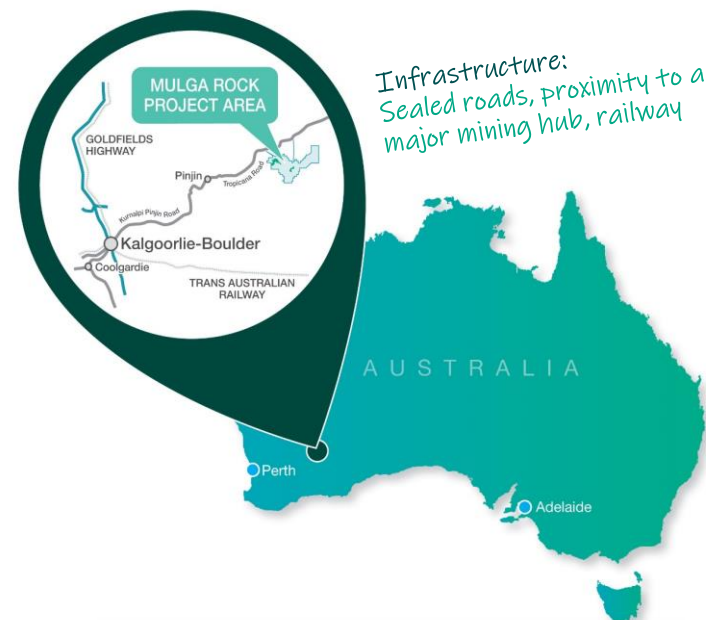
# MULGA ROCK: TECHNICALLY DE-RISKED



Key Metrics @ US\$60/lb	DFS 2018 <sup>(1)</sup>
Life-of-Mine (LOM)	15 years
Annual Uranium Production	3.5 Mlb pa
Uranium AISC (Years 1-5)	US\$30/lb
Uranium AISC Operating Cost (LOM)	US\$34/lb
Pre-Production Capital	A\$400m
Mining Fleet – vendor finance	A\$93m
Total Capital	A\$493
Project NPV <sub>8</sub> (inclusive of Royalties, pre-tax)	A\$530
Project IRR (inclusive of Royalties, pre-tax)	25.3%

Source:




1. FX rate: AUD/USD 0.70



**Test Pit  
Free Dig Mining**

# GLOBAL COMPARABLE URANIUM STUDIES



	Units									
<b>Market Capitalisation<sup>(1)</sup></b>	A\$M	35	41	61	55	110	176	25	132	630
<b>Project – Location</b> <i>(equity if less than 100%)</i>		Mulga Rock (Australia)	Etango (Namibia – 95%)	Salamanca (Spain)	Madaouela (Niger – 90%)	Honeymoon (Australia)	Patterson Lake (Canada)	Lethakane (Botswana)	Lost Creek (USA)	Arrow Deposit (Canada)
<b>Mineral Resource<sup>(2)</sup></b> <i>Grade</i>	Mlbs ppm	91 570	271 186	89 514	138 1,360	72 620	137 16,936	103 450	19 447	349 32,010
<b>Ore Reserve<sup>(2)</sup></b> <i>Grade</i>	Mlbs ppm	42 845	130 195	0	61 933	0	91 14,200	0	0	234 30,900
<b>Study Key Findings</b>										
Study phase <sup>(3)(4)</sup> <i>(100% basis)</i>		DFS (2018)	DFS (2015)	DFS (2016)	PFS (2017)	PFS (2017)	PFS (2019)	SS (2015)	PEA (2016)	PFS (2018)
Initial LoM	Years	15	16	14	21	7	8	18	12	9
NPV - post tax <sup>(5)</sup> (DR 8%)	A\$M	340	599	760	486	NA	744	320	207	3,933
	US\$M	238	419	532	340		521	224	145	2,753
Capital cost <sup>(5)</sup>	A\$M	493	1133	332	513	146	1609	468	66	1343
	US\$M	345	793	233	359	102	1,126	669	46	940
Target production	Annual (Mlbs)	3.5	7.2	4.4	2.7	3.2	10.8	2.4	0.9	25.3
Total uranium sales	Mlbs	47	113	49	54	14	87	43	14	228
Uranium study price	US\$/lb	60	75	70	58	NA	50	81	66	50
Cash costs (C1) <sup>(6)</sup>	US\$/lb	25 / 28	38	16	25	16	8	41	29	6

Source:

1. CapIQ as of 28 August 2019, FX rate: AUD/CND 0.90

2. See Appendix for full details of Mineral Resource and Ore Reserve by category for each company

3. SS: Scoping Study or Preliminary Economic Assessment. PFS: Preliminary Feasibility Study. DFS: Feasibility (Optimization) Study or Definitive Feasibility Study All study outputs from technical reports on the respective company websites

4. All Mineral Resource, Ore Reserves and Study findings have been reported on a 100% equity basis. Minority interests are shown against project name

5. Exchange rates AUD/USD 0.70, CND/USD 0.75

6. Where two C1 numbers, the first is for the first 5 years of operation



# ALLIGATOR RIVER PROJECT

ARNHEM LAND,  
NORTHERN TERRITORY

*A WORLD-CLASS URANIUM PROVINCE*



# ● ● WORLD CLASS URANIUM PROVINCES

## World-class basin and unconformity style mineralisation

### Kazakhstan

Inkai, Tortkuduk, Myunkum  
2004 – 2017 production of >560Mlbs  $U_3O_8$   
2017 AISC ~US25-30/lb  $U_3O_8$

### Athabasca Basin

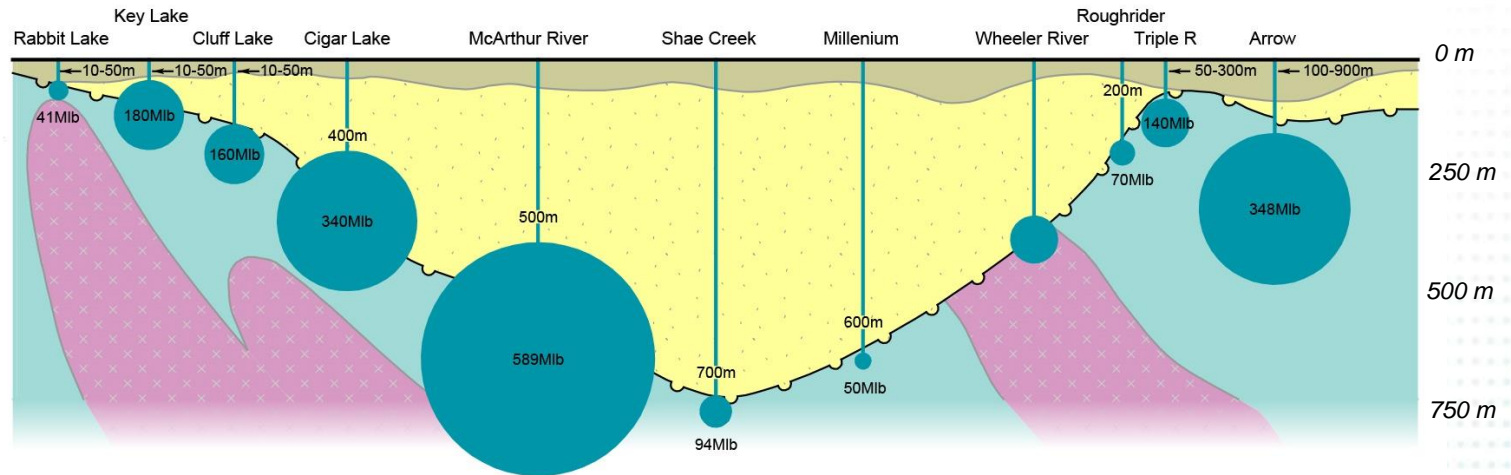
McArthur River, Cigar Lake, Arrow, Wheeler River  
Production of 930M lbs  $U_3O_8$  to end 2016  
Over 2.5Blbs  $U_3O_8$  discovered since 1968

### Alligator River Uranium Province

Ranger, Jabiluka, Nabarlek  
Production of >310Mlbs  $U_3O_8$   
Over 770Mlbs  $U_3O_8$  discovered since 1969  
but limited exploration since 1990s

# TWO BASINS – TWO EXPLORATION HISTORIES

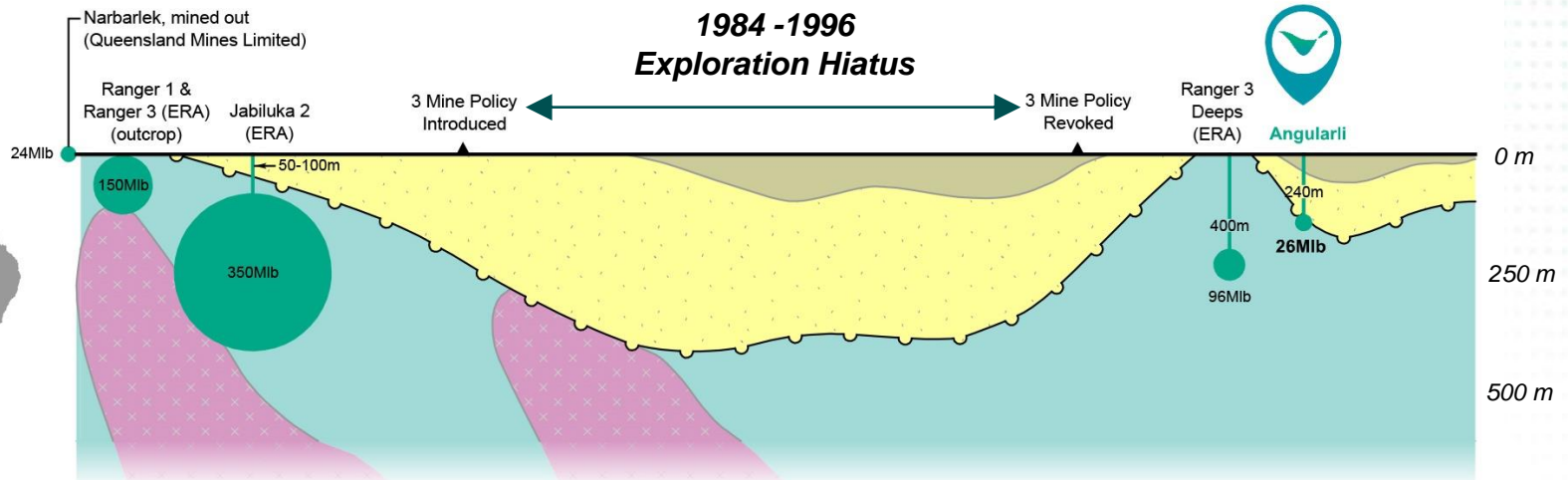
- Canada's Athabasca Basin experienced exceptional growth in the past 40 years
- Australia's Three-Mine Policy (1984-1996) resulted in little to no exploration in ARUP
- All exploration licences held in moratorium and followed by limited exploration



1970

2018

**1984 -1996  
Exploration Hiatus**





# ALLIGATOR RIVER PROJECT OVERVIEW

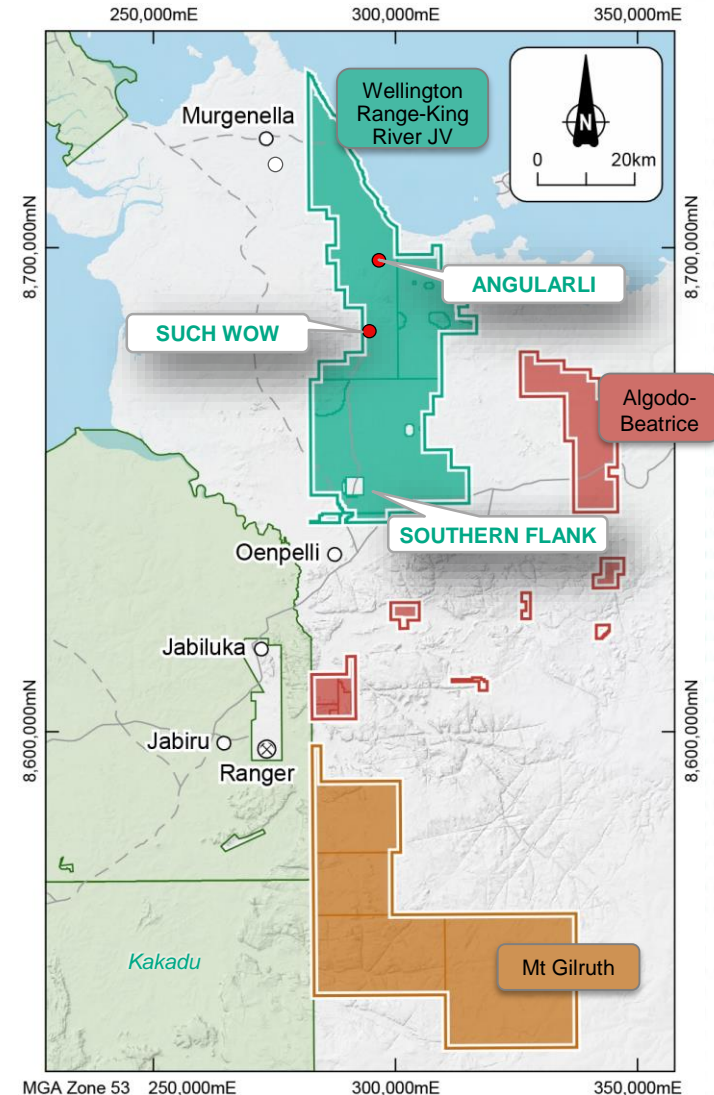
## Drill-ready uranium project in the Northern Territory

Most prospective granted tenure in world-class Alligator River Uranium Province, geologically similar to Athabasca Basin, Canada

- Inferred Resource<sup>(1)</sup> totaling 0.91Mt @ 1.3% U<sub>3</sub>O<sub>8</sub> for 26Mlbs U<sub>3</sub>O<sub>8</sub>
- 2019 drilling at Such Wow confirms large structural system with significant fluid pathways → 20km system requiring follow-up drilling in 2019 and 2020
- October 2019 release highlighted Southern Flank:
  - Multiple and significant uranium anomalies below shallow cover
  - Results confirm Vimy's geological models and exploration methods
  - Jabiluka-style mineralisation targeted
- Angularli positive Scoping Study, 2018
  - Very positive robust Scoping Study<sup>(2)</sup> with Tier 1 economics
  - 4-year, campaign underground mine
  - 9-year metallurgical plant life
  - Targeting Opex for first quartile AISC

### Source

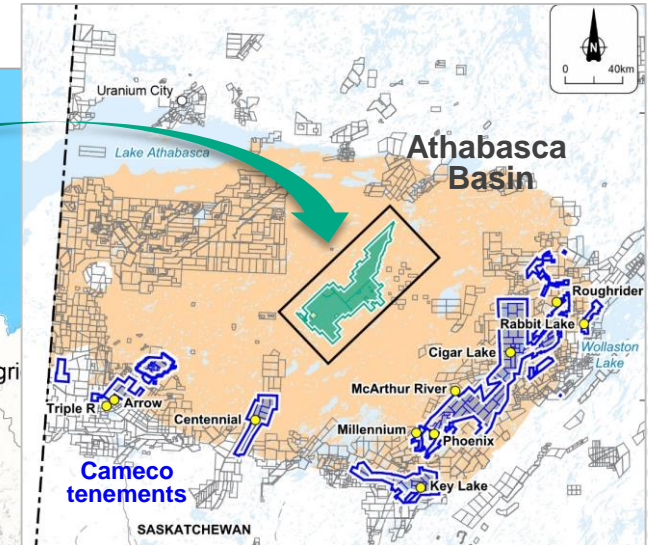
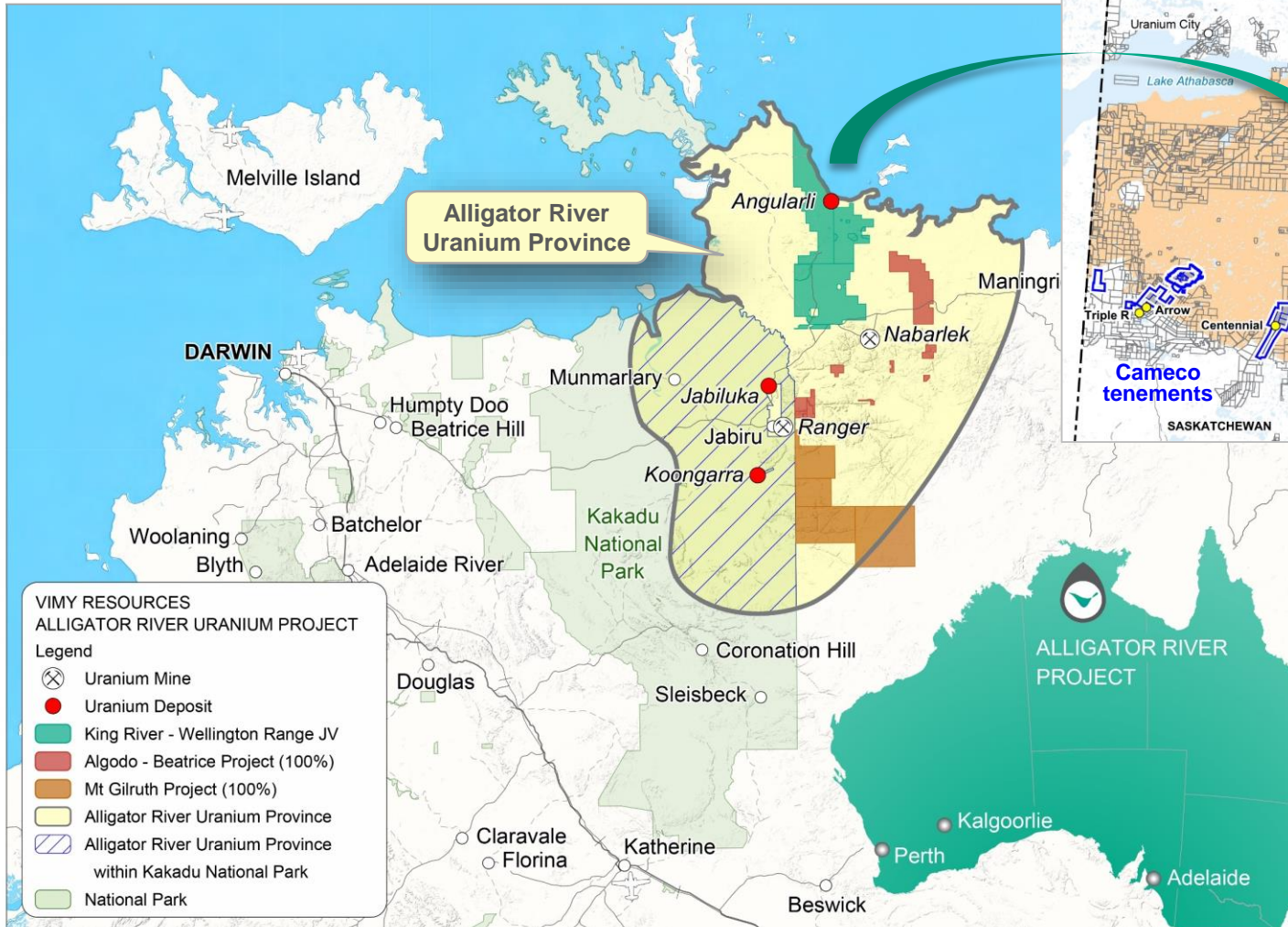
1. It is common practice for a company to comment on and discuss its exploration in terms of target size and type. The information relating to exploration targets should not be misunderstood or misconstrued as an estimate of Mineral Resources or Ore Reserves.
2. The Scoping Study is a preliminary technical and economic assessment of the potential viability of the Angularli Uranium Deposit. In accordance with the ASX Listing Rules, the Company advises that the Scoping Study is based on low level technical and economic assessments that are not sufficient to support the estimation of Ore Reserves.





# ALLIGATOR RIVER URANIUM PROVINCE

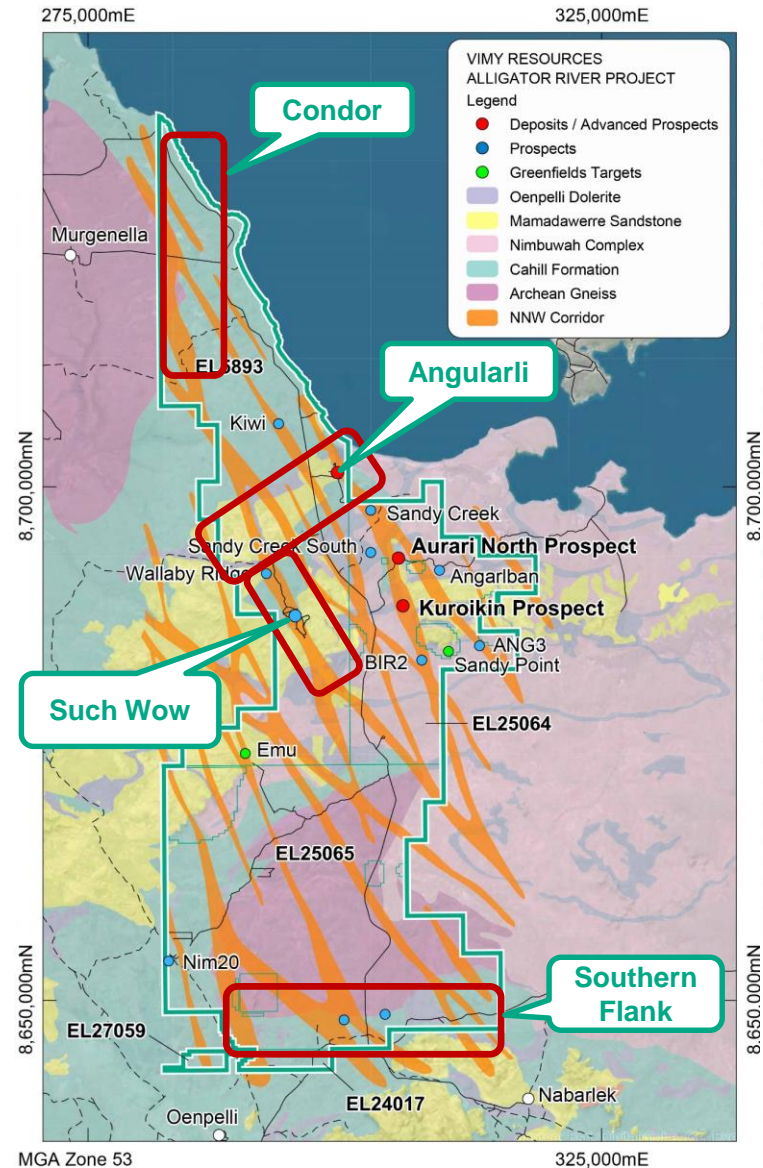
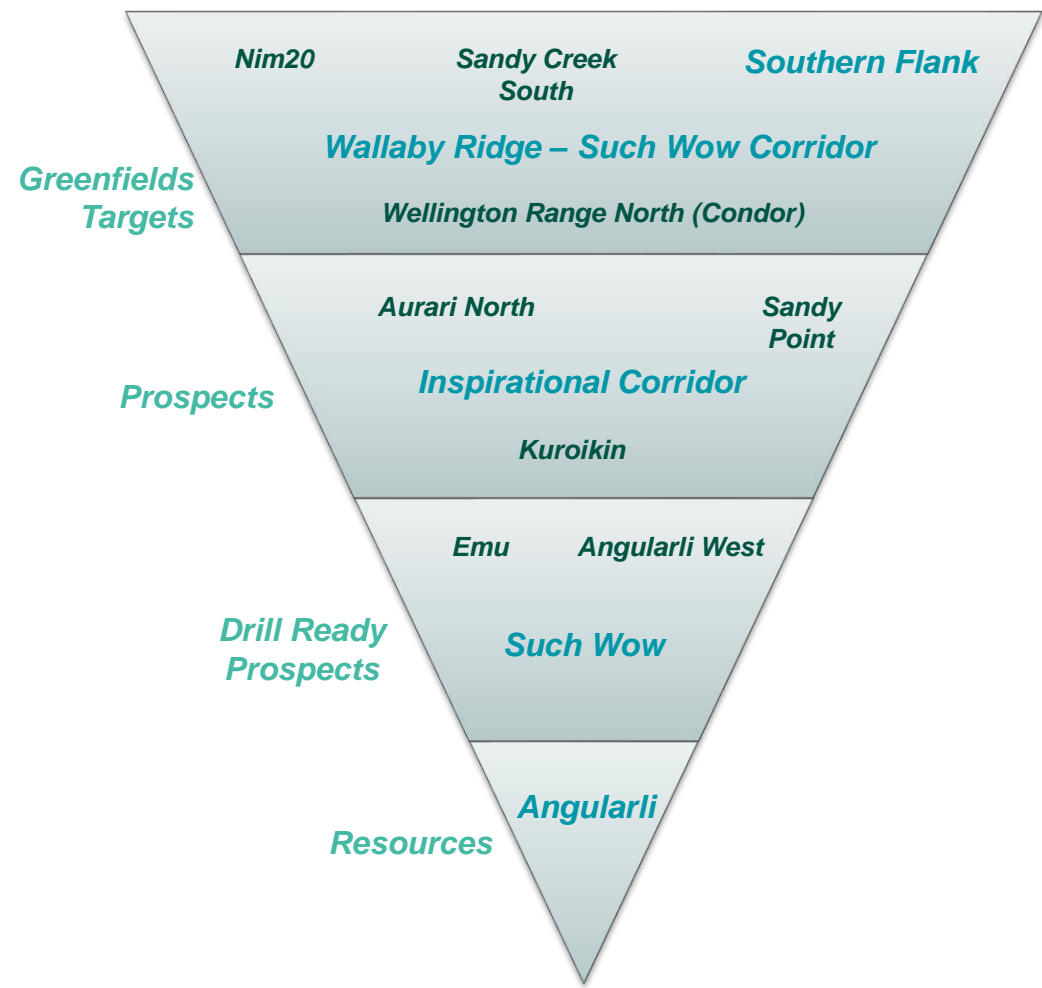
- Ranger, Nabarlek → production of >310Mlbs  $U_3O_8$
- 770Mlbs  $U_3O_8$  global resources and mined → Ranger Deeps, Jabiluka



King River JV is a globally significant landholding

# ● ● ALLIGATOR RIVER – TARGET-RICH ENVIRONMENT

- Impressive pipeline of exploration targets
- Such Wow, Angularli West → advanced targets
- Wallaby Ridge, Inspiration and Southern Flank greenfields



## Maiden Mineral Resource released to ASX on 20 March 2018

Deposit	Resource Estimate Classification	Cut-off grade (% $U_3O_8$ )	Tonnes (Mt) <sup>1</sup>	$U_3O_8$ (%) <sup>2</sup>	$U_3O_8$ (Mlbs)
Angularli	Inferred	0.15	0.91	1.29	25.9

1. t = metric dry tonnes; appropriate rounding has been applied and rounding errors may occur.
2. Using chemical  $U_3O_8$  composites from drill core
3. Vimy: 75%

## Exploration Target released to ASX on 20 March 2018

Project Area	Tonnes Range (Mt) <sup>1</sup>	Grade Range (% $U_3O_8$ )	Metal Range (Mlb $U_3O_8$ )
Angularli	1.2 - 1.8	0.75 - 1.5	20 - 60

1. t = metric dry tonnes
2. Appropriate rounding has been applied, and rounding errors may occur
3. Vimy: 75%

The potential quantity and grade of the Exploration Target is conceptual in nature. It is important to note that there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.



# VIMY'S UPCOMING MILESTONES

- Mulga Rock DFS “refresh” to update input data and optimise capex vs opex trade-offs  
– Peer Review says “*price and AUD assumptions may be conservative*”
- An accelerated resource definition program and expanded regional exploration program at Alligator River Project
- Uranium marketing & contracting, continued review of business development opportunities

H2 2019	H1 2020	H2 2020	H1 2021
<ul style="list-style-type: none"> <li>• Collate and announce exploration results @ ARP</li> <li>• Mulga Rock DFS ‘refresh’</li> </ul>	<ul style="list-style-type: none"> <li>• Results of exploration at Alligator River</li> <li>• Mulga Rock DFS update</li> <li>• Uranium contracting</li> </ul>	<ul style="list-style-type: none"> <li>• Alligator River exploration and resource drilling</li> <li>• Mulga Rock funding and Final Investment Decision</li> </ul>	<ul style="list-style-type: none"> <li>• Alligator River - complete PFS at Angulari</li> <li>• Commence construction at Mulga Rock</li> <li>• Production at + 2 years</li> </ul>

# ● ● DISCLAIMER AND STATEMENT OF CONFIRMATION



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**Cautionary statements:** The information in this presentation that relates to the Mulga Rock Project Definitive Feasibility Study (DFS), including production targets and forward-looking financial information based on the production targets, was released to the ASX on 30 January 2018. Vimy confirms that all the material assumptions underpinning the production targets and forward-looking financial information in the DFS continue to apply and have not materially changed.

**No new information:** The Mulga Rock Project Uranium Resource Estimate referred to in this presentation was released to the ASX on 12 July 2017. Vimy is not aware of any new information, or data, that affects the information in that announcement and confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

The Mulga Rock Project Uranium Reserve Estimate referred to in this presentation was released to the ASX on 4 September 2017. Vimy is not aware of any new information, or data, that affects the information in that announcement and confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

The Angularli Deposit Resource Estimate and Exploration Target referred to in this presentation was released to the ASX on 20 March 2018.

Vimy is not aware of any new information, or data, that affects the information in that announcement and that all material assumptions and technical parameters underpinning the estimate and target continue to apply and have not materially changed.





# THANK YOU



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(ASX:VMY) 30

# MULGA ROCK – RESOURCE AND RESERVE



## Mineral Resource released to ASX on 11 July 2017

Deposit	Resource Estimate Classification	Cut-off grade (ppm U <sub>3</sub> O <sub>8</sub> )	Tonnes (Mt)	U <sub>3</sub> O <sub>8</sub> (ppm)	Total metal U <sub>3</sub> O <sub>8</sub> (Mlb)
Mulga Rock East	Measured	150	5.2	1,100	12.6
	Indicated	150	16.8	800	29.6
	Inferred	150	15.5	420	14.3
<b>Sub-total</b>			<b>37.4</b>	<b>680</b>	<b>56.4</b>
Mulga Rock West	Indicated	150	2.2	680	3.2
	Inferred	150	31.7	440	30.4
<b>Sub-total</b>			<b>33.8</b>	<b>450</b>	<b>33.6</b>
<b>Total Resource</b>			<b>71.2</b>	<b>570</b>	<b>90.1</b>

- Mulga Rock Project now at 90.1Mlbs U<sub>3</sub>O<sub>8</sub> being 71.2Mt at 570ppm U<sub>3</sub>O<sub>8</sub>
- **High-grade at Mulga Rock East comprises 25Mlbs at 1,500ppm U<sub>3</sub>O<sub>8</sub>**
- A 30% increase in Mulga Rock East resource since November 2016
- 50% of the global Mineral Resource is in Measured and Indicated status






## Ore Reserve released to ASX on 4 September 2017

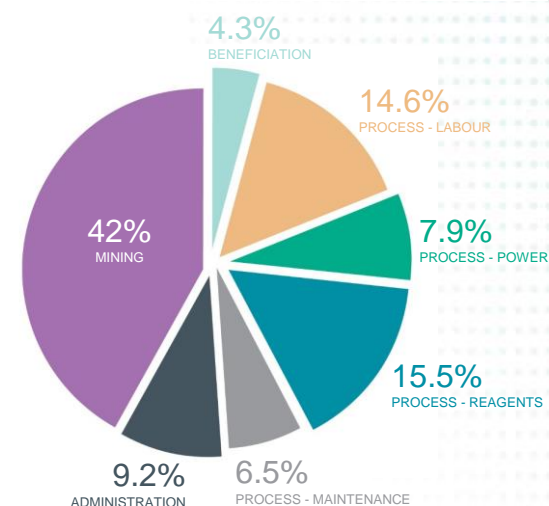
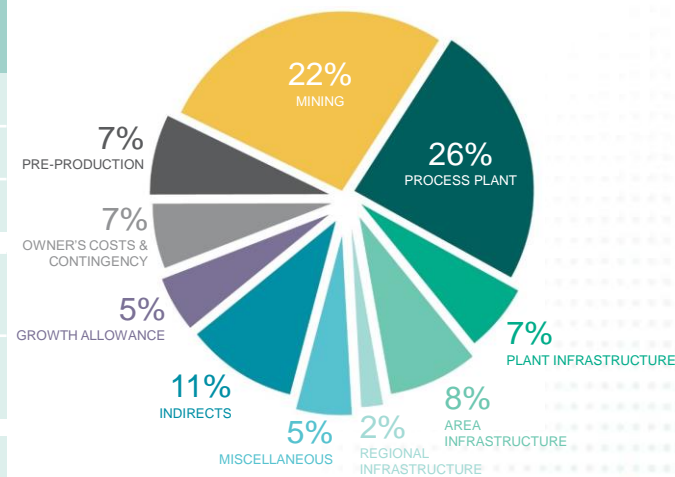
Deposit / Resource	Classification	Cut-off grade (ppm U <sub>3</sub> O <sub>8</sub> )	Tonnes (Mt)	U <sub>3</sub> O <sub>8</sub> (ppm)	Total metal U <sub>3</sub> O <sub>8</sub> (Mlb)
<b>Mulga Rock East</b>					
Ambassador	Proved	150	5.3	1,055	12.3
	Probable	150	14.1	775	24.0
Princess	Probable	150	1.7	870	3.3
<b>Sub-total</b>			<b>21.1</b>	<b>850</b>	<b>39.6</b>
<b>Mulga Rock West</b>					
Shogun	Probable	150	1.6	760	2.7
<b>Sub-total</b>			<b>1.6</b>	<b>760</b>	<b>2.7</b>
<b>Total Reserve</b>			<b>22.7</b>	<b>845</b>	<b>42.3</b>

- Ore Reserves now at 42.3Mlbs U<sub>3</sub>O<sub>8</sub> from 22.7Mt at 845ppm U<sub>3</sub>O<sub>8</sub>
- Maiden Proved Ore Reserve of 12.3Mlbs from 5.3Mt at 1,055ppm U<sub>3</sub>O<sub>8</sub>
- Ore Reserve metal increases 36% from last update in November 2016
- Vimy expects material improvements in project economics

# MULGA ROCK KEY METRICS



	Key Metric	Unit	DFS
 RESOURCE	Life-of-Mine (LOM)	Years	15
	Run-of-Mine (ROM) Uranium Grade (Years 1-5)	ppm U <sub>3</sub> O <sub>8</sub>	1,010
	ROM Uranium Grade (LOM)	ppm U <sub>3</sub> O <sub>8</sub>	770
 PRODUCTION	Annual Uranium Production	Mlbs U <sub>3</sub> O <sub>8</sub> pa	3.50
	Total Uranium Production (LOM)	Mlbs U <sub>3</sub> O <sub>8</sub>	47.1
 OPERATIONS	Uranium Cash Operating Cost (Years 1-5)	US\$/lb U <sub>3</sub> O <sub>8</sub>	25.11
	Uranium Cash Operating Cost (LOM)	US\$/lb U <sub>3</sub> O <sub>8</sub>	27.95
	Uranium AISC Operating Cost (LOM)	US\$/lb U <sub>3</sub> O <sub>8</sub>	34.00
 CAPITAL	Pre-Production Mining Costs (Pre-Strip)	A\$ million	36.3
	Mining, Plant, Infrastructure and Indirects	A\$ million	415.0
	Growth Allowance and Contingency	A\$ million	41.7
	Total Capital	A\$ million	493.0
 PROJECT FINANCIALS	Contract Uranium Price (from 2021 onwards)	US\$/lb U <sub>3</sub> O <sub>8</sub>	60
	Project NPV <sub>8</sub> (inclusive of Royalties, pre-tax)	A\$ million	530
	Project IRR (inclusive of Royalties, pre-tax)	%	25.3
	Payback from Start of Production	Years	3.1



LOM Cash Operating Costs by Area

# APPENDIX

## Global Comparable Uranium Studies Resource and Reserve Table



	Units									
<b>Market Capitalisation <sup>(1)</sup></b>	<b>A\$M</b>	35	25	41	61	110	176	55	630	132
<b>Project - Location</b> <i>(equity if less than 100%)</i>		<b>Mulga Rock</b> <i>(Australia)</i>	<b>Letlhakane</b> <i>(Botswana)</i>	<b>Etango</b> <i>(Namibia – 95%)</i>	<b>Salamanca</b> <i>(Spain)</i>	<b>Honeymoon</b> <i>(Australia)</i>	<b>Patterson Lake</b> <i>(Canada)</i>	<b>Madaouela</b> <i>(Niger – 90%)</i>	<b>Arrow Deposit</b> <i>(Canada)</i>	<b>Lost Creek</b> <i>(USA)</i>
<b>Mineral Resource <sup>(2)</sup></b> <b>(contained metal)</b>										
Measured Grade	MIbs ppm	13 1,100	n/a	14 194	12 597	8 1,100	n/a	31 1,210	n/a	8 448
Indicated Grade	MIbs ppm	33 790	23 463	150 188	48 516	25 630	104 18,500	79 1,430	257 40,400	5 440
Inferred Grade	MIbs ppm	45 432	80 446	106 182	30 395	39 570	633 12,000	28 1,330	92 8,600	6 440
<b>Total Resource <sup>(2)(3)</sup></b> <b>Grade</b>	MIbs ppm	<b>91</b> <b>570</b>	<b>103</b> <b>450</b>	<b>270</b> <b>186</b>	<b>89</b> <b>514</b>	<b>72</b> <b>620</b>	<b>137</b> <b>16,936</b>	<b>138</b> <b>1,360</b>	<b>349</b> <b>32,010</b>	<b>19</b> <b>447</b>
<b>EV A\$ / lb</b>		<b>0.38</b>	<b>0.24</b>	<b>0.15</b>	<b>0.69</b>	<b>1.53</b>	<b>1.28</b>	<b>0.40</b>	<b>1.81</b>	<b>6.95</b>
<b>Ore Reserve <sup>(2) (3)</sup></b> <b>(contained metal)</b>										
Proved Grade	MIbs ppm	12 1,055	n/a	14 196	n/a	n/a	n/a	n/a	n/a	n/a
Probable Grade	MIbs ppm	30 784	n/a	116 195	n/a	n/a	91 14,200	61 933	234 30,900	n/a
<b>Total Reserve <sup>(2)(3)</sup></b> <b>Grade</b>	MIbs ppm	<b>42</b> <b>845</b>	-	<b>130</b> <b>195</b>	-	-	<b>91</b> <b>14,200</b>	<b>61</b> <b>933</b>	<b>234</b> <b>30,900</b>	-
<b>EV A\$ / lb</b>		<b>0.83</b>	<b>n/a</b>	<b>0.32</b>	<b>n/a</b>	<b>n/a</b>	<b>1.93</b>	<b>0.90</b>	<b>2.69</b>	<b>n/a</b>

Source:

1. CapIQ as of 28 August 2019, FX rate: AUD/CND 0.90
2. SS: Scoping Study or Preliminary Economic Assessment. PFS: Preliminary Feasibility Study. DFS: Feasibility (Optimization) Study or Definitive Feasibility Study  
All study outputs from technical reports on the respective company websites
3. All Mineral Resource, Ore Reserves and Study findings have been reported on a 100% equity basis. Minority interests are shown against project